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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/488,976 | 01/21/2000 | William J. Baer | STL000014US1 | 5177 |

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INTERNATIONAL BUSINESS MACHINES CORP
IP LAW
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EXAMINER

NGUYEN, TAM V

| ART UNIT | PAPER NUMBER |
|----------|--------------|
| 2172 | |

DATE MAILED: 04/03/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | |
|------------------------------|-----------------|--------------|
| Office Action Summary | Application No. | Applicant(s) |
| | 09/488,976 | BAER ET AL. |
| | Examiner | Art Unit |
| | Tam V Nguyen | 2172 |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 21 January 2000.

2a) This action is FINAL. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-24 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) 1-24 is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) The proposed drawing correction filed on _____ is: a) approved b) disapproved by the Examiner.
 If approved, corrected drawings are required in reply to this Office action.

12) The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some * c) None of:

1. Certified copies of the priority documents have been received.

2. Certified copies of the priority documents have been received in Application No. _____.

3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

a) The translation of the foreign language provisional application has been received.

15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) Notice of References Cited (PTO-892)

2) Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) Information Disclosure Statement(s) (PTO-1449) Paper No(s) 5.

4) Interview Summary (PTO-413) Paper No(s) _____.

5) Notice of Informal Patent Application (PTO-152)

6) Other: _____

DETAILED ACTION

Claim Objections

1. Claims 1, 4, 9, 12, 17, and 20 are objected to because of the following informalities:

In the claims above on line 4 or line 6, what "it" and "its" refer to? Appropriate correction is required.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-24 are rejected under 35 U.S.C. 102(b) as being anticipated by Kauffman et al. (US 5857203).

Re claims 1, 9, and 17, Kauffman discloses a method for adding user-provided content object as a plurality of content entities in a data repository comprising the steps of:

Kauffman discloses item id, part number, and rep type as the steps of defining the object, (Col. 10, lines 31-40).

Library Server receiving the content from the Client, (see fig. 2), assigning item id, part number, and rep type to the content as an identifier, (Col. 8, lines 45-55), and

storing the content with content's identifier in the Library Server and Object Store, (Col. 8, lines 45-55 and see fig. 2); and

Adding the item id, part number, and rep type to the list, whereby the client-provided content is added to the object, (Col. 9, lines 64-Col. 10, lines 13).

Re claims 2, 5, 10, 13, 18, and 21, the method of claim 1, further comprising the step of receiving a user-provided location for inserting the content entity into the content object, and inserting the identifier into the list at that location, (Col. 8, lines 5-14).

Re claims 3, 8, 11, 16, 19, and 24, the method of claim 2, further comprising the steps of providing a user interface communicating with the data repository, and providing mechanisms for receiving the user-provided content and specification of a desired location through the user interface, (Col. 18-32 and see fig. 1).

Re claims 4, 12, and 20, Kauffman discloses a method for adding user-provide content to a hierarchically structured content object stored as a plurality of content entities in a data repository, comprising the steps of:

Kauffman discloses the content object is relating to the item id, part number, and rep type, (Col. 10, lines 31-40).

Library Server receiving the content from the Client, (see fig. 2), assigning item id, part number, and rep type to the content as an identifier, (Col. 8, lines 45-55), and

storing the content with content's identifier in the Library Server and Object Store, (Col. 8, lines 45-55 and see fig. 2); and

Adding the item id, part number, and rep type to the list, whereby the client-provided content is added to the object, (Col. 9, lines 64-Col. 10, lines 13).

Re claims 6, 14, and 22, the method of claim 4, wherein the user-provided content comprises a content entity, (Col. 8, lines 45-55).

Re claims 7, 15, and 23, the method of claim 4, wherein the user-provided content comprises a container, (Col. 1, lines 18-32).

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Wess, Jr. (US 6163781) shows object-to-relational data converter mapping attributes to object instance into relational tables.

Helland et al. (US 6134594) shows multi-user, multiple tier distributed application architecture with single-user access control of middle tier objects.

Williamson et al. (US 6122641) shows method and apparatus for mapping objects to multiple tables of a database.

Zellweger (US 6131100) shows method and apparatus for a menu system for generating menu data from external sources.

Chang et al. (US 6240407B1) shows method and apparatus for creating an index in a database system.

Contact Fax Information

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Or Faxed to:

(703) 308-9051, (for formal communication intended for entry)

Or:

(703) 308-5399, (for informal or draft communications, please label "PROPOSED" or "DRAFT")
Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA. Fourth Floor (Receptionist).

Contact Information

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tam Nguyen whose telephone number is (703) 305-3735. The examiner can normally be reached on Monday through Friday from 7:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Yen Vu, can be reached on (703) 305-4393. The fax phone number for the organization where this application or proceeding is assigned is (703) 308-5399.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4700.

TV: tv

03/21/2002


KIM VU
SUPERVISORY PATENT EXAMINER
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